Index of Claims



Application/Control No.

10/540,003

Examiner

Reexamination

Applicant(s)/Patent under

HAZART, JEROME

Art Unit

Tu T. Nguyen

2877

Rejected Allowed

(Through numeral)
Cancelled Restricted

Non-Elected N Interference

**Appeal** A 0 Objected

| Claim    |          |  |              |          |          |                |  |  | 1  | Chin     |     |          |          |                 |        |   |              |  |  |              |              |   |
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| Cla      | im       | Date   |              |          |          |                |  |  | ļ  | Claim    |     |          | Date     |                 |        |   |              |  |  |              |              |   |
| Final    | Original | 2/3/07   |              |          |          |                |  |  |  |          |     | Final    | Original |                 |        |   |              |  |  |              |              |   |
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|          | 3        |  |              |          |          |                |  |  |  |          | ] : |          | 53       |                 |        |   |              |  |  |              |              | Ι |
|          | 4        |  |              |          |          |                |  |  |  |          | ]   |          | 54       |                 |        |   |              |  |  |              |              |   |
|          | 5        |  |              |          |          | <u> </u>       |  |  |  |          | ] : |          | 55       |                 |        |   |              |  |  |              | 匚            | L |
|          | 6        |  |              | _        | L        | L              |  | L.   |  |          | ]   |          | 56       | Ш               |        |   |              |  |  |              | L            | L |
|          | 7        | L  |              |          | L        | $oxed{oxed}$   | <u> </u>   | _  | <u> </u>   | 匚        |     |          | 57       | Щ               |        |   | _            | L  | <u> </u>   |              | L            | ļ |
|          | 8        | L  |              | _        | _        | L              |  | _  | <u> </u>   | _        |     |          | 58       |                 |        |   | <u>_</u>     | _  |  | <u> </u>     | 匚            | L |
|          | 9        | L.,  |              |          | <u> </u> | L              | L.   | L_   | <u> </u>   | <u> </u> | Į   |          | 59       |                 |        |   | <u> </u>     |  | ļ  | _            | <u> </u>     | L |
|          | 10       |  |              |          |          |                |  | _  | L.   | <u> </u> |     |          | 60       |                 |        |   | <u> </u>     | _  | <u> </u>   |              | ⊢            | ļ |
| <u> </u> | 11       | L.,  |              | <u> </u> | <u> </u> | ₩              | <u> </u>   | ļ  | <u> </u>   | <u> </u> |     |          | 61       |                 | _      |   | <u> </u>     | _  |  | _            |              | ļ |
|          | 12       | <u> </u>   |              | _        |          | ┞—             | _  | <u> </u>   |  | <u> </u> |     |          | 62       | $\square$       |        |   | <u> </u>     | <u> </u>   |  | _            | <u> </u>     | ļ |
| <u> </u> | 13       | _  |              | <u> </u> | -        | ├_             |  | -  |  | _        |     |          | 63       |                 |        |   | <del> </del> | _  | <u> </u>   | _            | <u> </u>     | ŀ |
| <u> </u> | 14       | -  | <u> </u>     | ├—       | ⊢        | ├              | <u> </u>   | <del> </del>                                     | ⊢  | <u> </u> |     |          | 64       |                 | _      |   | ├-           | _  | <u> </u>   | _            | -            | ŀ |
| _        | 15       | -  | _            | <u> </u> | -        | ├—             |  | ├  | ┡  | -        |     |          | 65       |                 |        |   |              | <u> </u>   | _  | <u> </u>     | -            | ŀ |
|          | 16<br>17 |  | $\vdash$     | <u> </u> | $\vdash$ | <u> </u>       |  | ⊢  | -  |          |     |          | 66<br>67 | Н               | _      |   | ┝            | <del> </del> —                                   | ├  |              | -            | ł |
|          | 18       | -  | -            |          | -        | ├─             |  | ├—   | -  | -        |     |          | 68       |                 |        |   | ├            |  | <del> </del>                                     | ├            | $\vdash$     | ╀ |
|          | 19       | —  | -            | _        | -        | ├              | -  | -  |  |          |     |          | 69       | $\vdash$        | _      |   | -            | $\vdash$   | ┝  | <u> </u>     | $\vdash$     | H |
|          | 20       |  | <u> </u>     | ŀ        | ├        | ├              | -  |  | -  |          |     |          | 70       |                 |        |   | -            | -  |  | ├            | $\vdash$     | ł |
|          | 21       |  | ┝            | -        | -        | ╁              |  | -  | -  | _        |     |          | 71       |                 |        |   | $\vdash$     | $\vdash$   |  | -            | ┢            | ł |
|          | 22       | 1  | $\vdash$     | ┢        | ┢        | ┢              | 1  | $\vdash$   | -  | $\vdash$ |     | -        | 72       |                 |        |   | -            | -  |  | -            | _            | H |
|          | 23       | Ì  |              | -        | -        | ╁              |  | -  | -  | -        |     |          | 73       | H               | -      |   | H            | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$     | H |
| <b>—</b> | 24       | Ī  | -            | -        | -        | ╁              | -  | $\vdash$   | $\vdash$   |          |     |          | 74       | $\vdash \vdash$ | $\neg$ |   | -            |  | $\vdash$   | $\vdash$     | $\vdash$     | t |
|          | 25       | 1  | _            | _        | ┢        | 一              | <del>                                     </del> | ┢  | <del>                                     </del> |          |     |          | 75       | H               |        |   | $\vdash$     |  | $\vdash$   | $\vdash$     | $\vdash$     | t |
|          | 26       | 1  | $\vdash$     | $\vdash$ |          | 1              |  |  |  |          |     |          | 76       | $\Box$          |        | _ |              |  |  |              | $\vdash$     | t |
|          | 27       | 1  |              |          | İ        | <u> </u>       | -  |  |  |          |     |          | 77       | П               |        |   |              |  | Г  |              | _            | t |
|          | 28       | 1  |              | -        |          | <b>†</b>       |  |  |  |          |     |          | 78       | $\Box$          |        |   | m            |  |  |              |              | t |
|          | 29       | 1  |              | Г        | Г        |                |  |  |  |          |     | _        | 79       | П               |        |   | Г            |  |  |              |              | T |
|          | 30       | V  |              | Г        |          |                |  |  |  |          |     |          | 80       |                 |        |   |              |  |  |              |              | Ī |
|          | 31       | ٧  |              |          |          |                | Π  |  |  |          |     |          | 81       |                 |        |   |              |  |  |              |              | Ι |
|          | 32       | 1  |              |          |          |                |  |  |  |          |     |          | 82       |                 |        |   |              |  |  |              |              | I |
| <u></u>  | 33       | ٧  |              |          |          |                | <u>L</u>   |  |  | L        |     |          | 83       |                 |        |   | L            | L  | L  |              |              | L |
| <u></u>  | 34       | 1  |              |          |          |                |  | L.   |  |          |     |          | 84       | Щ               |        |   | 匚            | _  | _  | <u> </u>     | _            | L |
| Ŀ        | 35       | V  |              |          |          | <u> </u>       |  | <u>L</u>   | -  |          |     |          | 85       | Щ               |        |   | L            | <u> </u>   |  |              |              | L |
|          | 36       | V  | _            | <u> </u> | <u> </u> | <u> </u>       |  | <u> </u>   | L_   |          |     |          | 86       | Щ               |        |   | <u> </u>     | _  | _  | <u> </u>     | $oxed{oxed}$ | ļ |
|          | 37       | V  |              | <u> </u> | _        | ļ              | <u> </u>   | _  |  | _        |     |          | 87       | Щ               |        |   | _            | _  | _  | _            | _            | Ļ |
|          | 38       | 1  |              | _        |          | <b> </b> _     | <u> </u>   | _  |  | _        |     |          | 88       |                 |        |   | <u> </u>     | <u> </u>   | _  | _            | _            | ļ |
| <u> </u> | 39       | 1  | _            | <u> </u> | 1_       | ┞              |  | _  | L-   | ļ.,      |     | <u>-</u> | 89       | $\sqcup$        |        |   | _            | <u> </u>   | <u> </u>   | _            | _            | Ļ |
|          | 40       | 1  | _            | <u> </u> | ├-       | <u> </u>       | <u> </u>   | ┝  |  | _        |     |          | 90       |                 |        |   | <u> </u>     | <u> </u>   | <u> </u>   | <u> </u>     | _            | ļ |
| <u> </u> | 41       | 1  | <u> </u>     | ├-       | ├        | ├              | _  | ├—   | 1-   |          |     |          | 91       | $\vdash$        |        |   | 1            | -  | <u> </u>   | ⊢            | <u> </u>     | 1 |
|          | 42<br>43 | V  |              | ├        | ├        | <del> </del>   | -  | ├-   | $\vdash$   | -        |     |          | 92       | $\vdash$        |        | _ | ├            | ├-   | ├—   | -            | $\vdash$     | ŀ |
| -        | 44       | ⊢  | ├            | $\vdash$ | 1        | <del> </del> — |  |  |  | ├        |     |          | 93<br>94 |                 | _      |   | -            | ├  | ├  | <del> </del> | <del> </del> | ł |
| <b></b>  | 45       | $\vdash$   | <del> </del> | $\vdash$ | ┢        | ├              |  | -  |  | -        |     |          | 95       | $\vdash \vdash$ |        | _ | ╁            | <del> </del>                                     | <del> </del>                                     |              | $\vdash$     | ╀ |
| -        | 46       | H  | -            | $\vdash$ | ┼─       | ├              | -  | $\vdash$   | $\vdash$   | ⊢        |     |          | 96       |                 | _      | - | -            | ┢  | -  | $\vdash$     | ╁            | ł |
| $\vdash$ | 47       | H  | $\vdash$     | $\vdash$ | ╁╌       | ┢              | 1  | -  | -  | $\vdash$ |     |          | 97       | $\vdash$        |        | - | $\vdash$     | $\vdash$   | ┝  |              | $\vdash$     | ł |
| $\vdash$ | 48       | <del>                                     </del> | <del> </del> | $\vdash$ | $\vdash$ | $\vdash$       | ├-   | <del>                                     </del> | -  | -        |     |          | 98       | $\vdash \vdash$ | _      | - | $\vdash$     | <del>                                     </del> | ⊢  | $\vdash$     | $\vdash$     | t |
|          | 49       |  | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$       | $\vdash$   | $\vdash$   | <del>                                     </del> | -        |     |          | 99       | $\vdash$        |        | - | $\vdash$     | $\vdash$   | <del>                                     </del> |              | $\vdash$     | t |
| <b>—</b> | 50       | $\vdash$   | T            | $\vdash$ | $\vdash$ | <b>!</b>       | $\vdash$   | -  | $\vdash$   | $\vdash$ | 1   |          | 100      | $\vdash$        | _      | - | $\vdash$     | <del>                                     </del> | $\vdash$   | $\vdash$     | $\vdash$     | t |
|          |          |  | Ь            | L        |          | Ь              |  | Ц_   | Ц.   | Щ.       |     |          |          |                 | _      | _ | Щ            | Ц  | Щ.   | L            | Щ            | Ļ |

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|          | 51       | _        | -        |              | -            |              |  | _        |          | -        |  |  |  |
|          | 51<br>52 |          | _        | -            | $\vdash$     | -            | -  |          |          |          |  |  |  |
| -        | 53       |          |          | -            | $\vdash$     |              | -  | _        | _        | _        |  |  |  |
|          | 54       | _        |          |              |              | -            | _  | _        |          | _        |  |  |  |
| _        | 54<br>55 | _        | _        | -            | $\vdash$     | -            | -  |          |          |          |  |  |  |
| <u> </u> | 56       | _        |          |              | H            | -            | -  |          |          |          |  |  |  |
| _        | 57       | _        |          |              | H            | -            |  |          | _        |          |  |  |  |
| <u> </u> | 58       | _        | _        |              | Н            | -            | -  | -        | -        |          |  |  |  |
|          | 59       |          | _        | _            | H            | $\vdash$     |  | _        | $\vdash$ |          |  |  |  |
| $\vdash$ | 60       | _        | _        |              | $\vdash$     | -            | -  |          | _        |          |  |  |  |
| -        | 61       |          |          | -            | H            |              |  |          | Н        |          |  |  |  |
| -        | 60       |          | $\vdash$ | _            | H            | _            |  |          |          |          |  |  |  |
| ļ        | 62<br>63 | _        | $\vdash$ | <b></b>      |              | <del> </del> |  | -        | $\vdash$ | <u> </u> |  |  |  |
| -        | 64       |          | -        | -            | $\vdash$     | -            | $\vdash$   | $\vdash$ | -        | -        |  |  |  |
| <u> </u> | 64       |          |          |              | H            | _            |  |          |          |          |  |  |  |
| -        | 65<br>66 |          | -        | <u> </u>     | $\vdash$     | <u> </u>     | $\vdash$   | $\vdash$ | <u> </u> | <u> </u> |  |  |  |
| <u> </u> | 66       |          | _        |              | H            | _            | _  |          |          |          |  |  |  |
| <u> </u> | 67       |          | _        |              | -            |              |  |          |          |          |  |  |  |
|          | 68<br>69 |          |          | _            | Ш            |              |  |          |          |          |  |  |  |
| $\vdash$ | 59       |          |          |              | -            | -            |  | _        |          |          |  |  |  |
| <u> </u> | 70<br>71 | _        |          |              |              |              |  |          |          |          |  |  |  |
| $\vdash$ | 71       |          | _        |              | -            | _            |  | _        | _        |          |  |  |  |
|          | 72       |          |          |              |              |              |  |          |          |          |  |  |  |
|          | 73<br>74 |          | _        | _            | _            | <u> </u>     | _  |          |          | _        |  |  |  |
| $\vdash$ | 74       |          |          | _            |              | _            |  | _        | _        | _        |  |  |  |
| <u> </u> | 75       | _        | _        | _            | -            |              | _  | _        |          |          |  |  |  |
| $\vdash$ | 76<br>77 |          |          | _            | -            |              | _  |          |          | <u> </u> |  |  |  |
| <u> </u> | 77       |          | _        |              |              | <u> </u>     | _  | _        |          |          |  |  |  |
| -        | 78       |          |          | _            | <u> </u>     | _            |  | _        |          | _        |  |  |  |
|          | 79       |          |          |              | <u> </u>     |              |  | Ь.       |          | _        |  |  |  |
| $\vdash$ | 80       |          |          |              | -            |              | <u> </u>   | _        |          | _        |  |  |  |
| <b> </b> | 81       |          |          |              |              |              | $\vdash$   | $\vdash$ |          | <u> </u> |  |  |  |
|          | 82       | _        |          |              | _            | _            | $\vdash$   | L        |          | <u> </u> |  |  |  |
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| $\vdash$ | 84<br>85 |          |          | -            | $\vdash$     | -            | $\vdash$   | -        | $\vdash$ | <u> </u> |  |  |  |
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|          | 87       | -        | <u> </u> | <b></b>      | -            | $\vdash$     | <u> </u>   | H        | <u> </u> | <b></b>  |  |  |  |
|          | 88       | _        | <u> </u> | <del> </del> | $\vdash$     | $\vdash$     | <b>-</b>   | ⊢        | -        |          |  |  |  |
|          | 89       |          |          |              | -            | $\vdash$     | _  |          | -        | <u> </u> |  |  |  |
|          | 90<br>91 |          | ļ        | ļ            | -            |              | <b> </b>   | <u> </u> |          | <u> </u> |  |  |  |
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| $\vdash$ | 95       |          | <u> </u> | $\vdash$     | <del> </del> | <del> </del> | _  |          | <u> </u> | <u> </u> |  |  |  |
|          | 96       | <b>-</b> |          | -            | -            | $\vdash$     | H  | <u> </u> | <u> </u> | -        |  |  |  |
|          | 95       | -        | <u> </u> | <u> </u>     | <del> </del> | H            | <u> </u>   | <u> </u> | <u> </u> | ├        |  |  |  |
|          | 98       |          | _        | <b>-</b>     | -            | -            | <del>                                     </del> | ├        | <u> </u> | ├        |  |  |  |
| -        | 99       | $\vdash$ | <u> </u> | ├            | $\vdash$     | ├            | <u> — </u>                                       |          | $\vdash$ | $\vdash$ |  |  |  |
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|       | 101<br>102   |          |          |          |          |  |          |  |              |                 |  |
|       | 102  |          |          |          |          |  |          |  |              | Щ               |  |
|       | 103  |          |          |          |          |  |          |  |              | Ш               |  |
|       | 104  |          |          | _        | _        | _  |          |  |              | Ш               |  |
| _     | 104<br>105<br>106                                    |          |          |          | _        |  |          |  |              | Ш               |  |
| _     | 106  |          |          |          | _        |  |          |  |              | Н               |  |
|       | 107  |          |          |          | _        |  |          | -  |              | $\vdash$        |  |
|       | 107<br>108<br>109                                    | _        |          |          | _        |  |          | _  |              | Н               |  |
|       | 110  |          |          |          | _        |  |          |  |              | Н               |  |
|       | 111  |          |          |          | _        | <del>                                     </del> |          |  |              | $\vdash$        |  |
|       | 112  | H        |          |          | _        |  |          | -  |              | $\vdash \vdash$ |  |
|       | 113  |          | П        |          |          | Ι -  |          | П  |              | М               |  |
|       | 112<br>113<br>114<br>115<br>116                      |          | П        |          | Г        |  |          |  | П            |                 |  |
|       | 115  |          |          |          |          |  |          |  |              |                 |  |
|       | 116  |          |          |          |          |  |          |  |              |                 |  |
|       | 117  |          |          |          |          |  |          |  |              |                 |  |
|       | 118<br>119   |          |          |          |          | L  |          |  |              | Ш               |  |
|       | 119  |          |          | _        | _        | <u> </u>   |          |  |              | Ш               |  |
|       | 120  |          |          |          | _        | _  |          |  |              |                 |  |
|       | 121  |          |          |          |          | L  | _        |  |              |                 |  |
|       | 122  |          | _        |          |          | <u> </u>   |          |  |              | Ш               |  |
|       | 120<br>121<br>122<br>123<br>124<br>125               |          |          |          |          | <u> </u>   |          |  |              | H               |  |
|       | 124  | _        | _        |          | -        |  |          |  |              | Н               |  |
|       | 125  |          |          | _        |          |  |          | $\vdash$   | _            | $\vdash$        |  |
|       | 127  |          |          | _        |          | ┢  | $\vdash$ | -  | _            | Н               |  |
|       | 128  | _        | _        | _        |          | $\vdash$   | $\vdash$ |  |              | Н               |  |
|       | 129  | -        |          |          |          |  |          | _  | -            | Н               |  |
|       | 126<br>127<br>128<br>129<br>130<br>131<br>132<br>133 |          | -        |          |          | <u> </u>   | H        | $\vdash$   |              | H               |  |
|       | 131  |          | Г        |          |          |  | $\vdash$ | Г  |              | М               |  |
|       | 132  |          |          |          |          |  |          |  |              |                 |  |
|       | 133  |          |          |          |          |  |          |  |              |                 |  |
|       | 134  |          |          |          |          |  |          |  |              | Ш               |  |
|       | 134<br>135<br>136                                    |          |          |          |          |  |          |  |              | $\square$       |  |
|       | 136  |          |          | Щ        |          | <u></u>  |          |  |              | Ш               |  |
|       | 137<br>138   | Щ        |          |          |          | <u> </u>   | <u> </u> | <u> </u>   | _            | Ш               |  |
|       | 138  | <u> </u> | <u> </u> |          | _        | <u> </u>   | <u> </u> | ļ  | L            | Н               |  |
|       | 139  |          |          | H        |          | <u> </u>   | _        | <u> </u>   | _            | Н               |  |
|       | 140  | $\vdash$ |          |          | _        | -  | <u> </u> | <u> </u>   | -            | $\vdash\vdash$  |  |
|       | 141<br>142   | H        | -        | Η.       | -        | -  | ├-       | $\vdash$   | <del> </del> | $\vdash\vdash$  |  |
|       | 143  | -        | H        | -        |          | ┢╌   | -        | $\vdash$   | -            | $\vdash$        |  |
|       | 144  | $\vdash$ |          | <u> </u> | -        | $\vdash$   | ┢╌       | <del> </del>                                     | $\vdash$     | $\vdash$        |  |
|       | 145  | -        | <u> </u> | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$     | Н               |  |
|       | 146  |          | $\vdash$ | $\vdash$ | $\vdash$ | ┢  | Ι-       | Н  | ┢            | Н               |  |
|       | 147  | $\vdash$ | $\vdash$ |          | Т        | T  |          | <del>                                     </del> | l ·          | H               |  |
|       | 148  |          | Г        | $\vdash$ | Г        | ļ -  | Ι        | I  |              | П               |  |
|       | 149  |          | Γ.       |          | Г        |  |          | 1  |              |                 |  |
|       | 150  |          |          |          |          |  |          |  |              |                 |  |
|       |  |          | _        |          |          | _  |          |  | _            |                 |  |